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DS Hochbaum, A Chen - Operations Research, 2000 - JSTOR
... in terms of computation time so that applying it prior to the open pit (or **ultimate pit** limit) algorithm ...
data can lead to a substantial reduction in the number of blocks in the eco- nomic **block model**
and in ... A terminology frequently used in the mining industry is that of **cone** and base. ...
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... costs model parameters Ms-(XYZ$) HIT Vahffi ^ UJT[Nbtofejl+iriax(Narcsou1)+max{Naisin}]
block-model XYZ CubfrLm ... X X X X X X X X X X X X Figure 18c = **cluster** #1 a **cluster** #2 ... Thus
the blocks 308 to be removed are determined in phases, and **cones**, which represent more ...
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in ... As Whittle (1989) pointed out, the difference in value between an **open-pit** design based on
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... X X X X X X X X X X X Figure 18c = **cluster** #1 a **cluster** #2 ... Thus the blocks 308 to be removed
are determined in phases, and **cones**, which represent more accurately ... An example of this is
"AN APPLICATION OF BRANCH AND CUT TO **OPEN PIT** MINE SCHEDULING" by Louis ...
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[CITATION] A Geostatistical Approach to the Pit Optimization Problems
T COLEOU - Large **Open Pit** Mining ..., 1986 - Australasian Institute of Mining and ...
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... X X X X X X X X X X Figure 18c = **cluster** #1 a **cluster** #2 ... Thus the blocks 308 to be removed are
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block model of an ore body, the mine planner determines an extraction schedule (an ...
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[PDF] Paleomagnetic study of the Valle de Santiago volcanics, Michoacán-Guanajuato volcanic field, Mexico

unam.mx [PDF]

RM Uribe-Cifuentes, J Urrutia- ... - Geofísica ..., 1999 - naolinco.igeofcu.unam.mx
... is characterized by a 7 km by 50 km NNW-SSE trending **cluster** of 20 ... of Pliocene andesites and
Quaternary andesites and basalts, including the maars, cinder **cones** and composite ... These
NNW-SSE trending lineaments **intersect** the young EW and ENE-WSW structural trends of ...
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... f BetlConstraMa^) CLUSTERING & Create Clumps 1 606 SbQUtNUNti "' i p ggj» I Create Optimal
Clump 1 -4 ... X X X X X X X X X X X Figure 18c = **cluster** #1 a **cluster** #2 ... Thus the blocks 308 to be
removed are determined in phases, and **cones**, which represent more accurately a ...
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Kinematic modeling of pyroclastic flows produced by gravitational dome collapse at Soufriere Hills volcano, Montserrat
DM Hooper, GS Mattioli - Natural Hazards, 2001 - Springer
... It consists of a **cluster** of five andesitic lava domes that roughly define a west ... energy is converted
to friction and the flow stops when the energy line '**intersects**' the topographic ... model was soon
expanded into a three-dimensional representation called the "energy-**cone**" model by ...
Cited by 6 - Related articles - BL Direct - All 3 versions

Analyticity for one-dimensional systems with long-range superstable interactions
M Campanino, D Capocaccia, E Olivieri - Journal of Statistical Physics, 1983 - Springer
... most of the statistical weight is in fact on the configurations in J~, so that the **block model**, with
partition function (1.23), can be dealt with as a perturbation of a **block model** in which ... We must
show that distinct A blocks are weakly coupled, in order to perform a **cluster** expansion. ...
Cited by 10 - Related articles - All 4 versions

[PDF] Visual Navigation Constructing and Utilizing Simple Maps of an Indoor Environment

jhu.edu [PDF]

KB Sarachik - 1989 - mirrors.acm.jhu.edu
... The five pairs yield 10 **intersection** points, whose average **intersection** value occurs at φ « 35.5°. ...
19 2.5 All points in an epipolar plane will project onto the same pair of epipolar lines in the two

images 21 2.6 Configuration of two cameras whose optical axes **intersect** at a point. ...
Cited by 11 - Related articles - All 14 versions

[PDF] Stochastic forcing of sediment supply to channel networks from landsliding and debris flow

L Benda, T Dunne - Water Resources Research, 1997 - wou.edu
... of 6 hollows enters each second-order channel seg- ment, and another 12 **intersect** higher-order ...
of bedrock hollows has been idealized for use in calculations as both a **cone** [Humphrey, 1983 ...
strength in the infinite-slope model and in Burroughs' [1984] 3-D **block model** of failure ...
Cited by 216 - Related articles - View as HTML - BL Direct - All 14 versions

Observational evidence for earthquakes as a nonlinear dynamic process

YY Kagan - Physica D: Nonlinear Phenomena, 1994 - Elsevier
... The null (N) axis is orthogonal to the T- and P-axes, or is located on the **intersection** of fault and
auxiliary planes. ... The b-values and their 90% confidence limits (1.645Q) are shown as they depend
on m, The 90% domains of b-values **intersect** for all values of magnitudes. ...
Cited by 135 - Related articles - All 6 versions

[PDF] Solid modelling with faceted primitives

FW Jansen, WH Crouwel, DJ McConalogue, D TU - 1987 - repository.tudelft.nl
... Boolean operations: union, difference and **intersection**. ... 2.2 Constructive Solid Geometry
Constructive Solid Geometry (CSG) defines objects by applying transformations and Boolean
operations to elementary volumes, such as block, sphere, cylinder and **cone** [Requicha, 1980]. ...
Cited by 8 - Related articles - View as HTML - All 4 versions

Subject index for communications in statistics: Theory and methods, volumes 1-1

CST METH - Communications in Statistics-Theory and Methods, 1983 - informaworld.com
... data 9:1191 fixed effects models 6:15 geometric views 3:581 incomplete **block model** 6 : 73 ...
8:955,975, 1017,1049,1083,1097111111 1129; 9:1941,1963,1975,1979 **Cluster** analysis 3:l ...
estimators 10:79 Convex combinations of normals 7: 1439 composition 10:827 **cone** 6:1323 ...

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S Ristorcelli, P Geo - 2000 - americanbonanza.com
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[PDF] Graphical Abstraction and Progressive Transmission in Internet-based 3D-Geoinformationsystems

psu.edu [PDF]

DIV Coors - 2003 - Citeseer
... verlieren. Page 9. • 3D-Topologie: Explizite Speicherung dreidimensinaler
topologischer Relationen im Datenmodell und Realisierung sämtlicher topologis-
cher Operationen nach dem Egenhofer'schen 9-**Intersection** Modell. Die ...
Related articles - All 8 versions

Beethoven reception: the symphonic tradition
S Contemporaries - The Cambridge history of nineteenth- ..., 2001 - books.google.com
... 226-7. **Cone** noted that the Spobr symphony in question was No. ... One is consequently encouraged
to hear the musical ideas as the most obvious topics at hand, although those ideas were nearly
always crafted to **intersect** with tradi- tions established in esteemed works of the ...
Related articles

The Cosmological Mass Function

arxiv.org [PDF]

P Monaco - Arxiv preprint astro-ph/9710085, 1997 - arxiv.org
... the velocity field of stars or from the motion of satellite galaxies, while galaxy **cluster** masses can ...
of sticking particles as their trajectories, found by means of Zel'dovich approximation, try to **intersect**,
to mimic ... and the redshift z is measured for an object in our past light **cone** at the ...
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[PDF] Annual Information Form

redcorp-ventures.com [PDF]

RV LTD - Report on the status of the Gibraltar, 2001 - redcorp-ventures.com
Page 1. V19564\VAN_LAW\ 386776\4 ANNUAL INFORMATION FORM OF REDCORP
VENTURES LTD. 800 – 1281 West Georgia Street Vancouver, British Columbia V6E 3J7 For
the Year Ended December 31, 2007 Filed on March 31, 2008 Page 2. TABLE OF CONTENTS ...
Cited by 1 - Related articles - View as HTML - All 9 versions

Petrology and geochemistry of Volcan Cerro Azul: petrologic diversity among the western Galápagos volcanoes

oxfordjournals.org [HTML]

T Naumann, D Geist, M Kurz - Journal of Petrology, 2002 - Oxford Univ Press
... 2). A multiply nested caldera of 450 m depth contains numerous benches, eruptive fissures, and
cones, and is surrounded by a flat, summit ... in a concentration of recent eruptions from a NW–SE
rift zone on the summit platform and within the caldera that **intersects** earlier eruptive ...
Cited by 9 - Related articles - BL Direct - All 4 versions

[BOOK] Multidimensional scaling: History, theory, and applications

FW Young, RM Hamer - 1987 - questia.com

... Abelson (1956). Both develop н ments were based on the Euclidean distance model.
Attneave (1950) dis н cussed the city-**block model**. These approaches ... be solved. We
discuss the city-**block model** in chapter 5. Following closely ...

Cited by 448 - Related articles - All 6 versions

Geologic hazards of an embankment dam constructed across a major, active plate boundary fault

AS Al-Homoud - Environmental and Engineering ..., 2000 - Assoc Eng Geologists

... Structure Prior to commencement of construction, the under- standing of the structure was limited
due to the steep attitude of the faults, their small throw and their nar- row width. Further, all except
three of the boreholes were vertical and thus had little chance of **intersecting** them. ...

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Pit optimisation using solid modelling and the Lerchs Grossman algorithm

NJ Stuart - International Journal of Mining, Reclamation and ..., 1992 - informaworld.com
... a and each vector vl ....vn references a block connected to a by an **arc** in the ... b) developing software
to investigate **slope** designl **slope** vector sets ie continuing the work in ... b) A working system for
convex polyhedra, perhaps approximating overburden **cones** as py remids with ...
Cited by 1 - Related articles

Fundamental tree algorithm in optimising production scheduling for open pit mine design

S Ramazan, K Dagdelen, TB ... - Mining Technology: IMM ..., 2005 - ingentaconnect.com
... The arcs in the figure show the node **precedence** relationships based on the **slope** angle
requirements. ... Step 1 Since nodes 5, 6 and 7 have positive economic values as shown in Figure
3, **cone** values are calculated for these nodes as discussed earlier. ...
Cited by 12 - Related articles - All 2 versions

The new fundamental tree algorithm for production scheduling of open pit mines

S Ramazan - European Journal of Operational Research, 2007 - Elsevier
... In the network, the blocks are represented by nodes and the mining **slope** requirement is
represented by the arcs. ... This node **precedence** relationship within the network is determined
by using one or more **cone** templates as discussed previously. ...
Cited by 5 - Related articles - All 6 versions

The economics of computerized open-pit design

Y Lizotte - International Journal of Mining, Reclamation and ..., 1988 - informaworld.com
... In this case the removal increment (**cone**) must be defined by checking which (i,J,k ... only be
accounted for by either modifying the block size or by changing the **precedence** removal rules ...
are schematized in figure 8. In three dimensions a fixed 45 degree pit **slope** is approxtnated ...
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jstor.org [PDF]

DS Hochbaum, A Chen - Operations Research, 2000 - JSTOR
... All **cones** that have a base block with a positive weight at the end of the algorithm are included
in ... equiv- alent maximum closure problem, each block is represented by a node in a graph, and
the **slope** requirements are repre- sented by **precedence** relationship described by ...
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GA Froyland, M Menabde - US Patent App. 10/530,846, 2003 - Google Patents

... Thus the blocks 308 to be removed are determined in phases, and **cones**, which represent more accurately a three dimensional 'volume' which volume will ultimately form the pit ... The wall **slope** constraints are usually taken into account using **precedence** relations between ...

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Long-Term Open-Pit Planning by Ant Colony Optimization

S Javad - 2009 - deposit.ddb.de

... 51 Figure 2-29 Upward-downward **cones** to determine transferability of blocks ... Clearly, the UPL and the mining **sequence** should not be determined independent of each other if ... The blocks have been assumed to be square and the **slope** angle has been considered as 45°. ...

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R Mello, P Geo - 2007 - brazauroresources.com

... 62 17.6 3D MODELS ..... 63 17.7 **BLOCK MODEL** PARAMETERS .... 68 17.12 **BLOCK MODEL** CONSTRUCTION ....

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